TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-02-25-02** **Date: 21-03-17**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satelite Town, Bangalore.

Project Name : Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)

Customer's Reference : EE/DD/WO/112/16-17

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 25-02-17

Sample ID No : 2017-02-25-02/02

Customer ID : Cement Concrete Road

Sample Type /Size : 150X150X150mm

Sample grade/Age : M30 / 28

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/03/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Road	M30	20/02/2017	20/03/2017	149.98 X 150.73 X 150.37	22606	8.197	766.4	33.9	33.4
2	Cement Concrete Road	M30	20/02/2017	20/03/2017	149.98 X 150.39 X 150.43	22555	8.131	748.8	33.2	
3	Cement Concrete Road	M30	20/02/2017	20/03/2017	150.37 X 150.52 X 150.43	22634	8.107	746.9	33.0	

Note:
The results pertain to the samples received and tested.
All information furnished by the Customer/ Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-02-25-03** **Date: 21-03-17**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satelite Town, Bangalore.

Project Name : Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)

Customer's Reference : EE/DD/WO/112/16-17

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 25-02-17

Sample ID No : 2017-02-25-03/02

Customer ID : Cement Concrete Road

Sample Type /Size : 150X150X150mm

Sample grade/Age : M30 / 28

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/03/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Road	M30	21/02/2017	21/03/2017	151.90 X 149.29 X 149.43	22677	7.995	775.6	34.2	33.9
2	Cement Concrete Road	M30	21/02/2017	21/03/2017	151.90 X 149.65 X 150.33	22732	8.076	761.5	33.5	
3	Cement Concrete Road	M30	21/02/2017	21/03/2017	150.32 X 149.18 X 150.33	22425	8.054	762.4	34.0	

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AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2017-02-15-01** **Date: 11-03-17**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Agency	:	Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satelite Town, Bangalore.
Project Name	:	Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)
Customer's Reference	:	EE/DD/WO/112/16-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	15-02-17
Sample ID No	:	2017-02-15-01/02
Customer ID	:	PCC Concrete
Sample Type /Size	:	150X150X150mm
Sample grade/Age	:	M20 / 28
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	10/03/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC Concrete	M20	10/02/2017	10/03/2017	150.22 X 150.29 X 149.06	22577	8.186	548.6	24.3	24.0
2	PCC Concrete	M20	10/02/2017	10/03/2017	151.82 X 150.75 X 150.87	22887	8.165	551.6	24.1	
3	PCC Concrete	M20	10/02/2017	10/03/2017	150.27 X 151.09 X 150.22	22704	8.174	533.6	23.5	

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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2017-01-30-01** **Date: 02-03-2017**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Agency	:	Sri Gnanendra Murthy M.D, #410, 5th Main Road, 4th Cross, Kengeri Satelite Town, Bangalore.
Project Name	:	Improvements & Construction of CC Road Jain temple 1st, 2nd, 3rd, 4th & 5th Cross roads MTS Colony main Road at Ward No.15 Dasarahalli.(2nd Call)
Customer's Reference	:	EE/DD/WO/112/16-17
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-01-17
Sample ID No	:	2017-01-30-01/01
Sample Type	:	Zuari 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	31-01-2017 to 28-02-2017

Sl.No.	Physical properties	Results	Requirement as per IS 12269 : 2013
1	Fineness by dry sieving	3.51%	–
2	Finess by Air permeablity method	288.8m^2/kg	225m^2/kg, Min
3	Density	3.38 gm/cc	gm/cc
5	Standard Consistency	29.0%	Not specified
6	Initial Setting time	260 minutes	Not less than 30 minutes

CIVIL PRO BANGALORE Sig..... Date.....

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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : **CP-2017-01-30-01** **Date: 02-03-2017**

Sample ID No : 2017-01-30-01/01

7	Final Setting time	370 minutes	Not more than 600 minutes
8	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm
9	Compressive Strength		
	3 Days	28.0N/mm^2	Not less than 27 N/mm^2
	7 Days	39.5N/mm^2	Not less than 37 N/mm^2
	28 Days	55.5N/mm^2	Not less than 53 N/mm^2

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Prepared by
Harshitha

CIVIL Pro Sig..... Date..... BANGALORE

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R KARTHIK RECHAN
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Quality Manager

****End of Report****

ನಿರ್ವಾಹಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆ.ಡಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು